

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090823AL\
 Data File : FE044156.D
 Signal(s) : FID1B.ch
 Acq On : 08 Sep 2023 14:16
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 08 15:11:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.932	3290533	17.369 ug/ml
Spiked Amount 50.000		Recovery =	34.74%
12) S 1-chlorooctadecane (S...	13.370	2480066	17.952 ug/ml
Spiked Amount 50.000		Recovery =	35.90%
Target Compounds			
1) T n-Nonane (C9)	3.321	2599554	15.935 ug/ml
2) T n-Decane (C10)	4.572	2712566	16.320 ug/ml
3) T A~Naphthalene (C11.7)	6.272	2929922	16.362 ug/ml
4) T n-Dodecane (C12)	6.735	2762334	16.425 ug/ml
5) T A~2-methylnaphthalene...	7.367	2870359	16.743 ug/ml
6) T n-Tetradecane (C14)	8.562	2782124	16.589 ug/ml
7) T n-Hexadecane (C16)	10.171	2849677	16.488 ug/ml
8) T n-Octadecane (C18)	11.616	2868706	16.480 ug/ml
10) T n-Eicosane (C20)	12.925	2779487	16.804 ug/ml
11) T n-Heneicosane (C21)	13.538	2728577	16.869 ug/ml
13) T n-Docosane (C22)	14.125	2698855	16.893 ug/ml
14) T n-Tetracosane (C24)	15.229	2635757	16.855 ug/ml
15) T n-Hexacosane (C26)	16.251	2567699	17.032 ug/ml
16) T n-Octacosane (C28)	17.201	2574116	17.837 ug/ml
17) T n-Tricontane (C30)	18.089	2787867	19.189 ug/ml
18) T n-Dotriacontane (C32)	18.924	2851959	20.021 ug/ml
19) T n-Tetratriacontane (C34)	19.708	2672559	19.098 ug/ml
20) T n-Hexatriacontane (C36)	20.449	2537523	18.509 ug/ml
21) T n-Octatriacontane (C38)	21.191	2478537	17.855 ug/ml
22) T n-Tetracontane (C40)	22.112	2482650	17.956 ug/ml

(f)=RT Delta > 1/2 Window

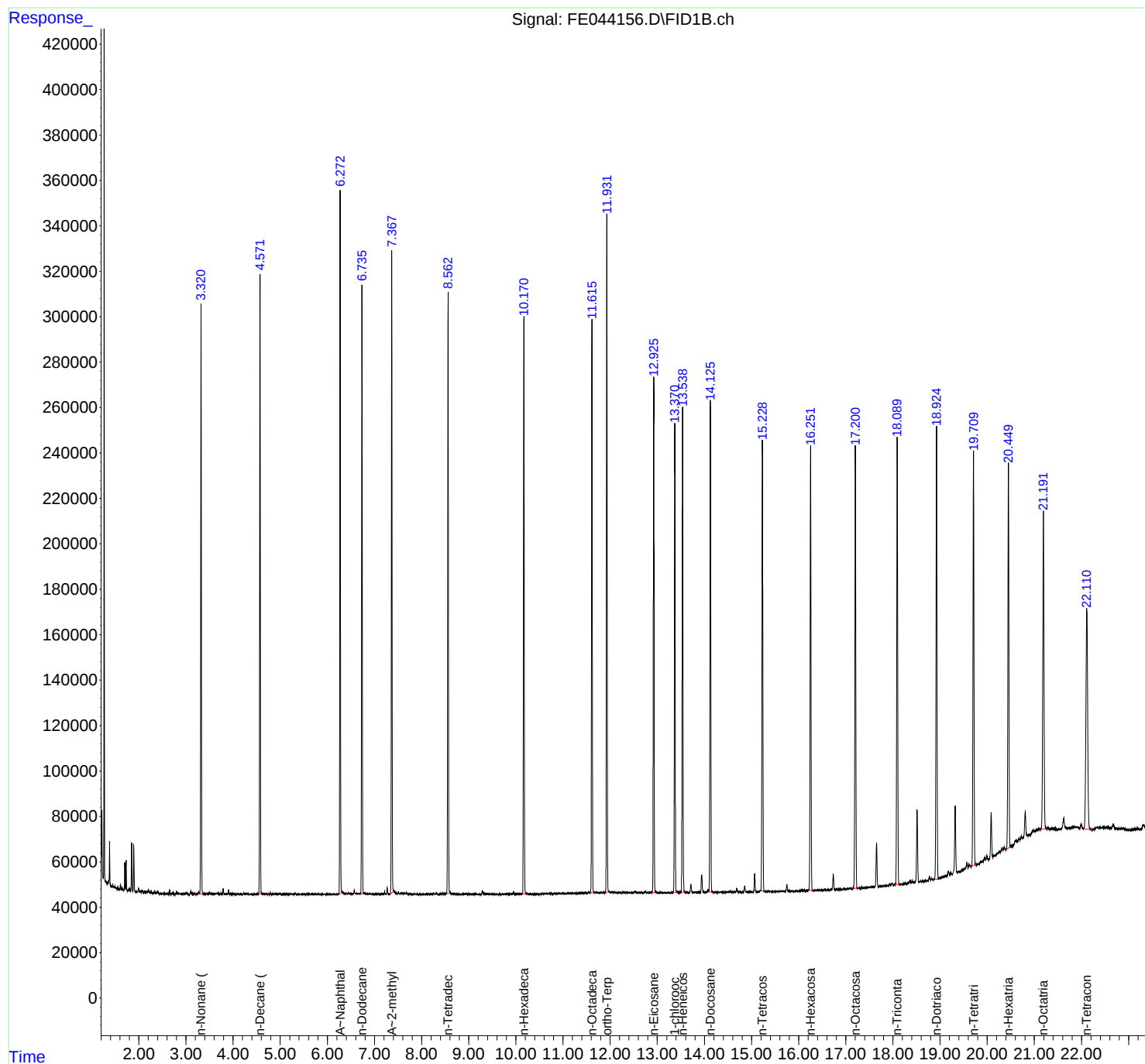
(m)=manual int.

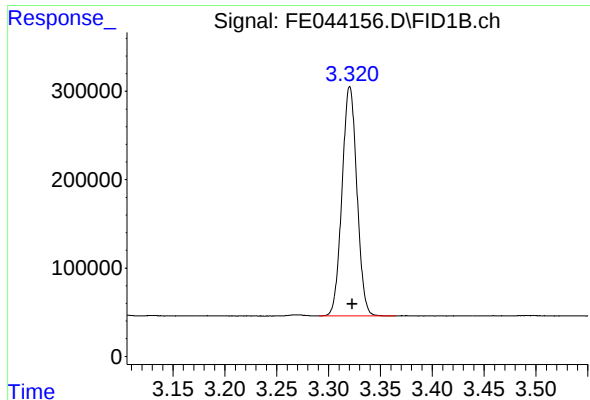
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090823AL\
Data File : FE044156.D
Signal(s) : FID1B.ch
Acq On : 08 Sep 2023 14:16
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Sep 08 15:11:07 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
Quant Title : GC Extractables
QLast Update : Thu Aug 31 03:37:37 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

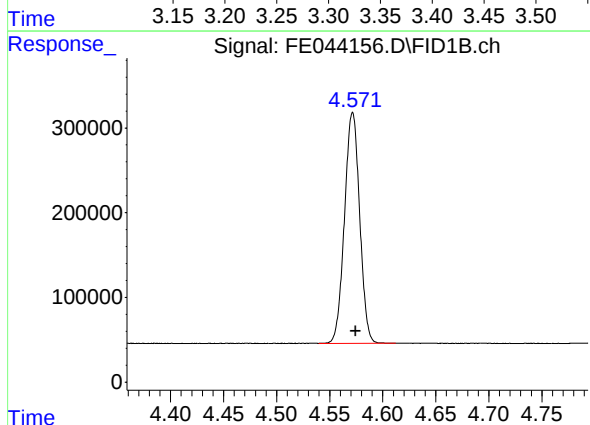




#1 n-Nonane (C9)

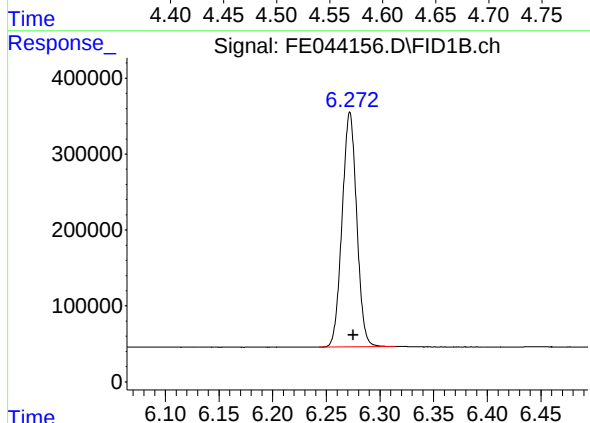
R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 2599554
Conc: 15.94 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



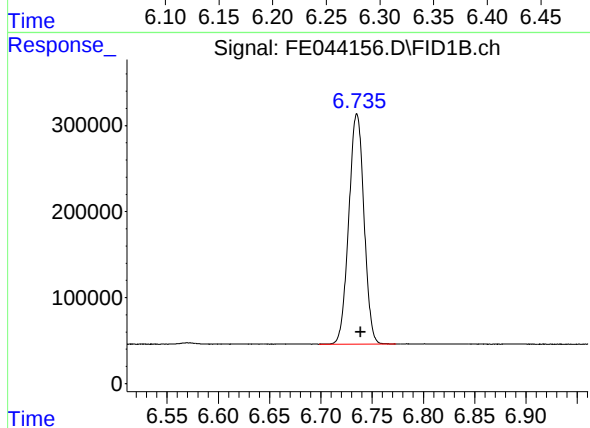
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: -0.003 min
Response: 2712566
Conc: 16.32 ug/ml



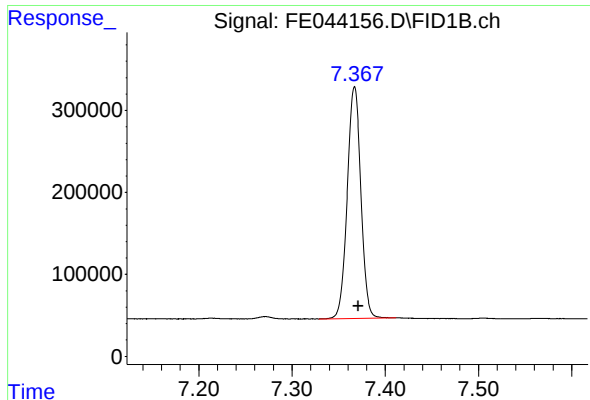
#3 A~Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: -0.003 min
Response: 2929922
Conc: 16.36 ug/ml



#4 n-Dodecane (C12)

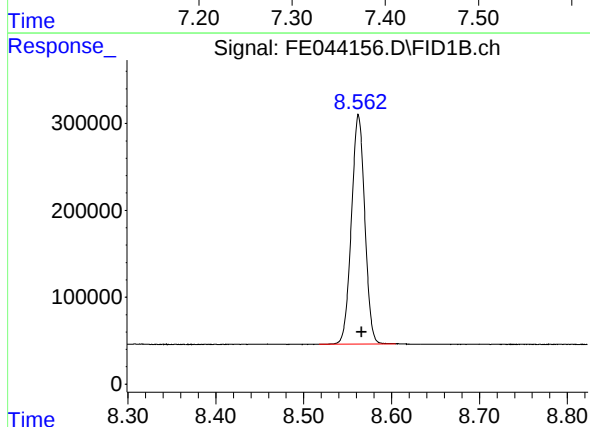
R.T.: 6.735 min
Delta R.T.: -0.004 min
Response: 2762334
Conc: 16.43 ug/ml



#5 A~2-methylnaphthalene (C12.89)

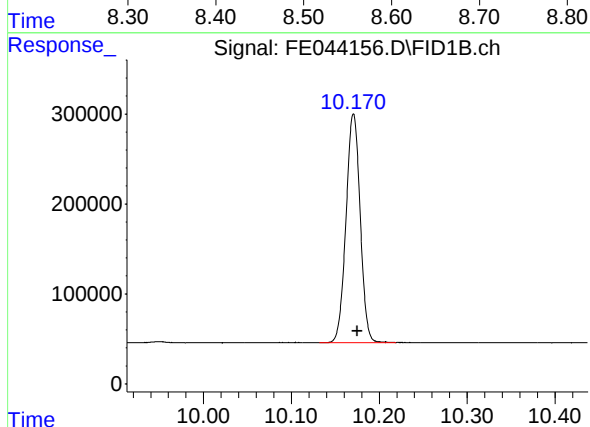
R.T.: 7.367 min
Delta R.T.: -0.004 min
Response: 2870359
Conc: 16.74 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



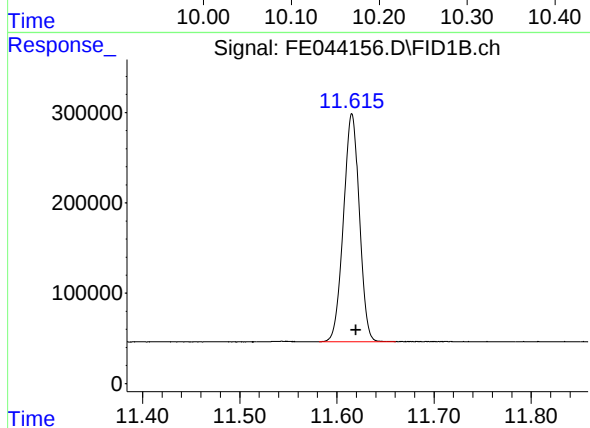
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: -0.004 min
Response: 2782124
Conc: 16.59 ug/ml



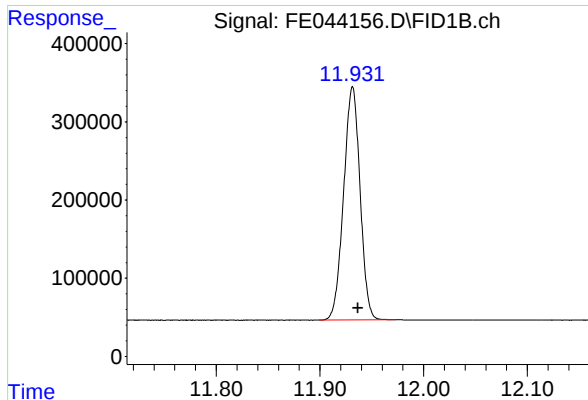
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: -0.004 min
Response: 2849677
Conc: 16.49 ug/ml



#8 n-Octadecane (C18)

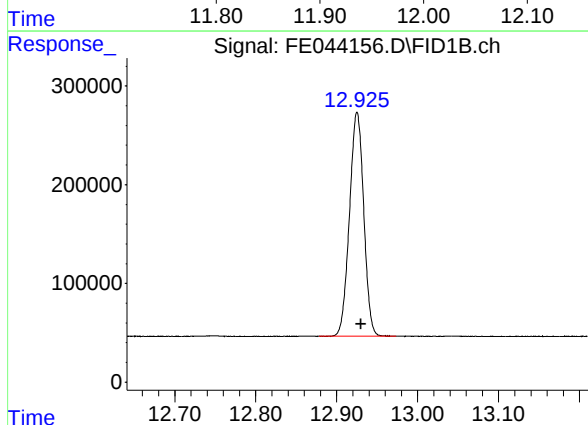
R.T.: 11.616 min
Delta R.T.: -0.004 min
Response: 2868706
Conc: 16.48 ug/ml



#9 ortho-Terphenyl (SURR)

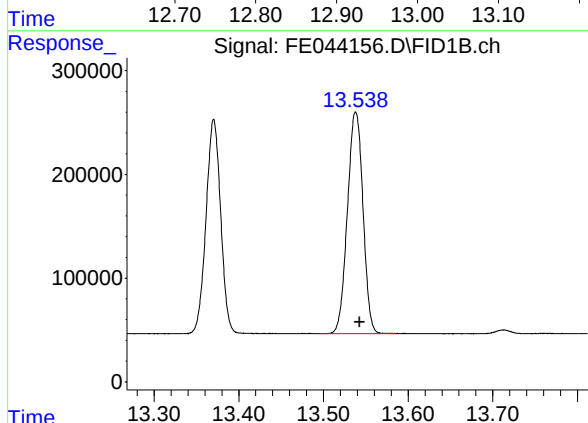
R.T.: 11.932 min
Delta R.T.: -0.005 min
Response: 3290533
Conc: 17.37 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



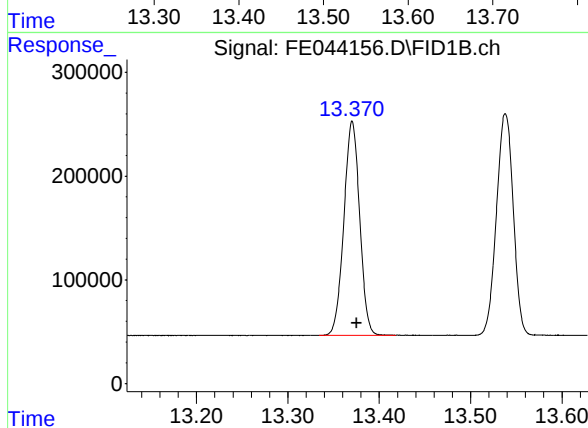
#10 n-Eicosane (C20)

R.T.: 12.925 min
Delta R.T.: -0.005 min
Response: 2779487
Conc: 16.80 ug/ml



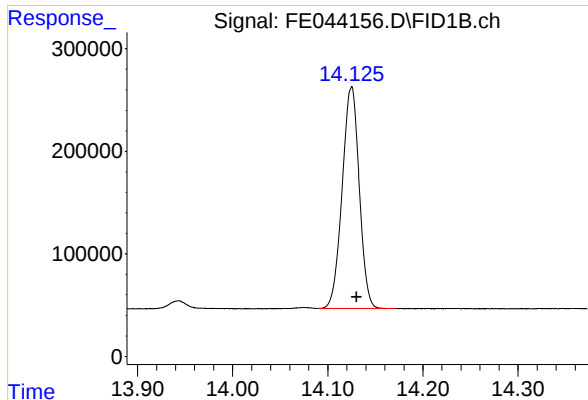
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: -0.005 min
Response: 2728577
Conc: 16.87 ug/ml



#12 1-chlorooctadecane (SURR)

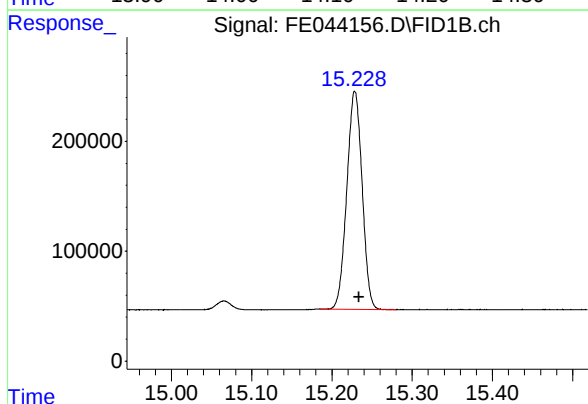
R.T.: 13.370 min
Delta R.T.: -0.005 min
Response: 2480066
Conc: 17.95 ug/ml



#13 n-Docosane (C22)

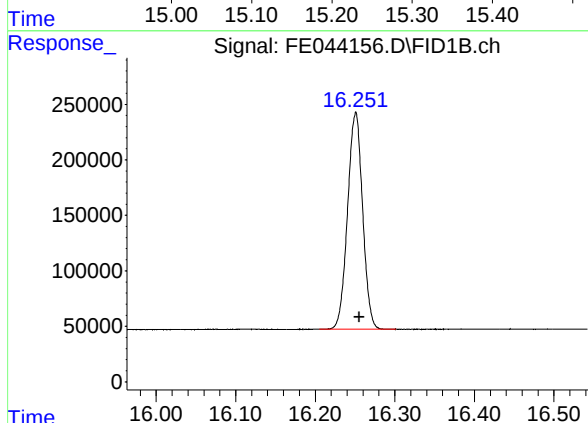
R.T.: 14.125 min
Delta R.T.: -0.005 min
Response: 2698855
Conc: 16.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



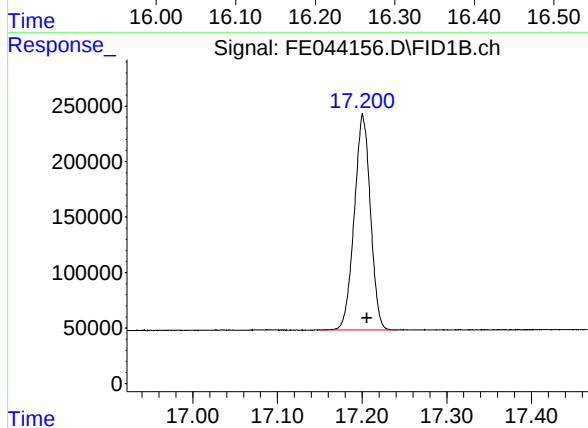
#14 n-Tetracosane (C24)

R.T.: 15.229 min
Delta R.T.: -0.005 min
Response: 2635757
Conc: 16.86 ug/ml



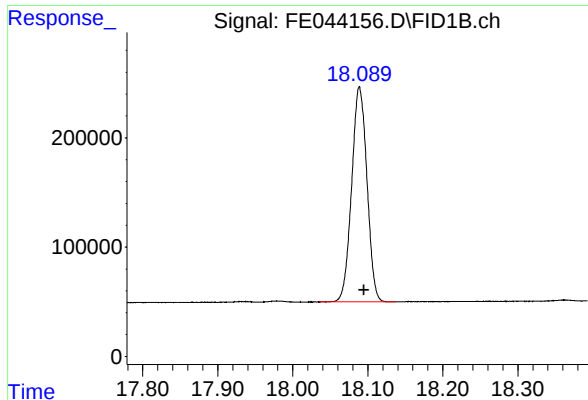
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.005 min
Response: 2567699
Conc: 17.03 ug/ml



#16 n-Octacosane (C28)

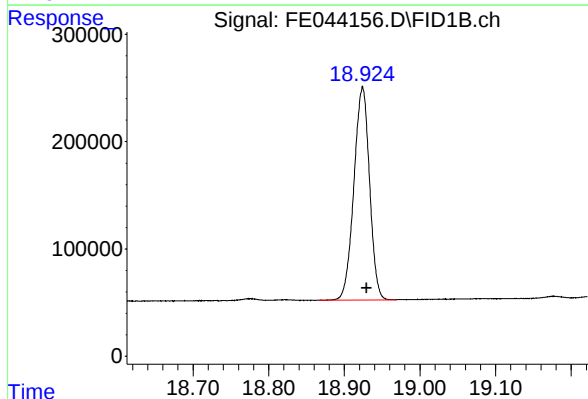
R.T.: 17.201 min
Delta R.T.: -0.005 min
Response: 2574116
Conc: 17.84 ug/ml



#17 n-Tricontane (C30)

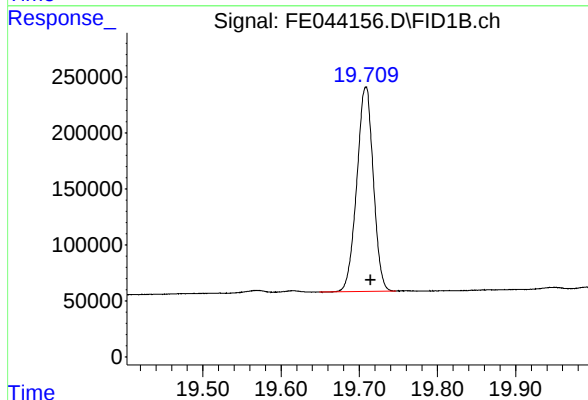
R.T.: 18.089 min
Delta R.T.: -0.006 min
Response: 2787867
Conc: 19.19 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



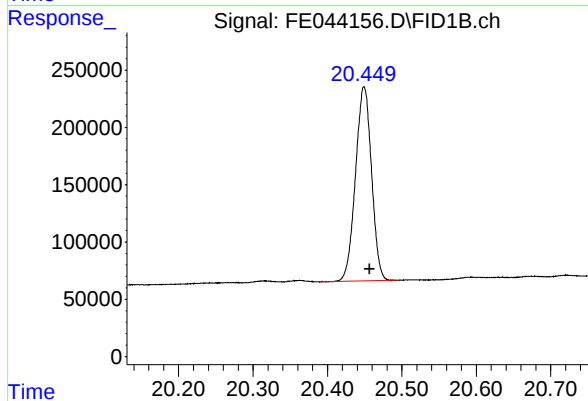
#18 n-Dotriacontane (C32)

R.T.: 18.924 min
Delta R.T.: -0.005 min
Response: 2851959
Conc: 20.02 ug/ml



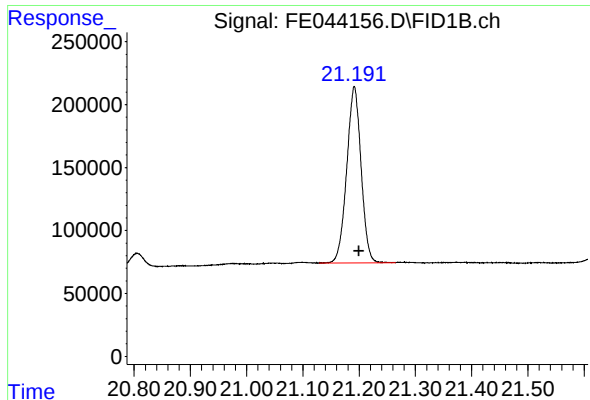
#19 n-Tetratriacontane (C34)

R.T.: 19.708 min
Delta R.T.: -0.006 min
Response: 2672559
Conc: 19.10 ug/ml



#20 n-Hexatriacontane (C36)

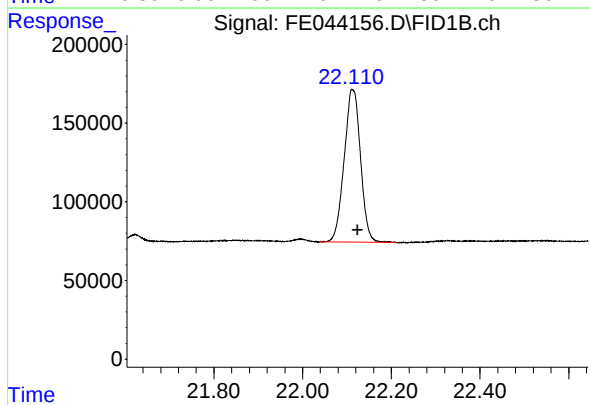
R.T.: 20.449 min
Delta R.T.: -0.007 min
Response: 2537523
Conc: 18.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.191 min
Delta R.T.: -0.008 min
Response: 2478537
Conc: 17.85 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.112 min
Delta R.T.: -0.012 min
Response: 2482650
Conc: 17.96 ug/ml